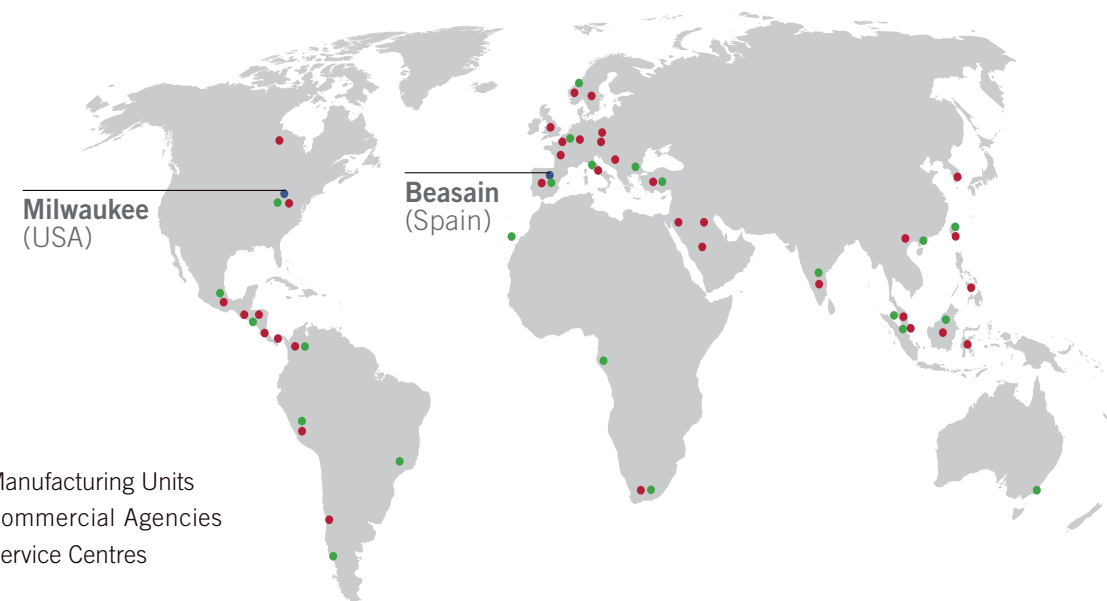


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2020/02

Indar
Ingeteam Group



Your driving force

Indar Electric, S.L.
www.indar.net



INDAR MARINE PASSENGER VESSEL SOLUTIONS

Indar
Ingeteam Group

Sea is part of our culture

We feel proud of everything we build. We believe in thinking differently because breaking molds is our motto.

We innovate designing our electric motors and generators, robust in design, reliable in performance and silent for a real passenger enjoyable sea experience.

People our driving force

Since 1940, Indar has prided itself on being a company with a human face, where the personal component is one of its main assets. Priority has always been given to the value of people as a future project that bases its progress on values such as integrity, trust and professionalism above all.

Indar promotes the involvement and commitment of all its members so that each of them contribute the best of him/her self in all the activities that the company carries out.

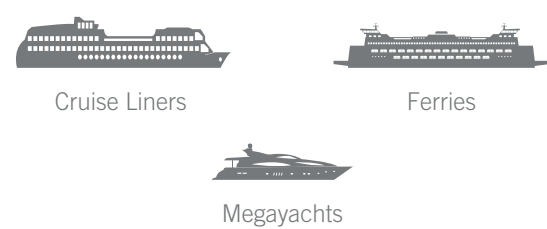
Indar’s value proposal

Marine oriented

Indar’s portfolio encompasses **one stop solutions** backed by strong R&D and Engineering capabilities. By addressing the challenges that our customers face, we provide sustainable and efficient 100% marine oriented innovation.

All our **Marine team** is specialized and fully dedicated to the marine sector: consultancy, engineering, manufacturing and service department. We are ready to face the great challenges of the years to come.

Wide experience in passenger segment



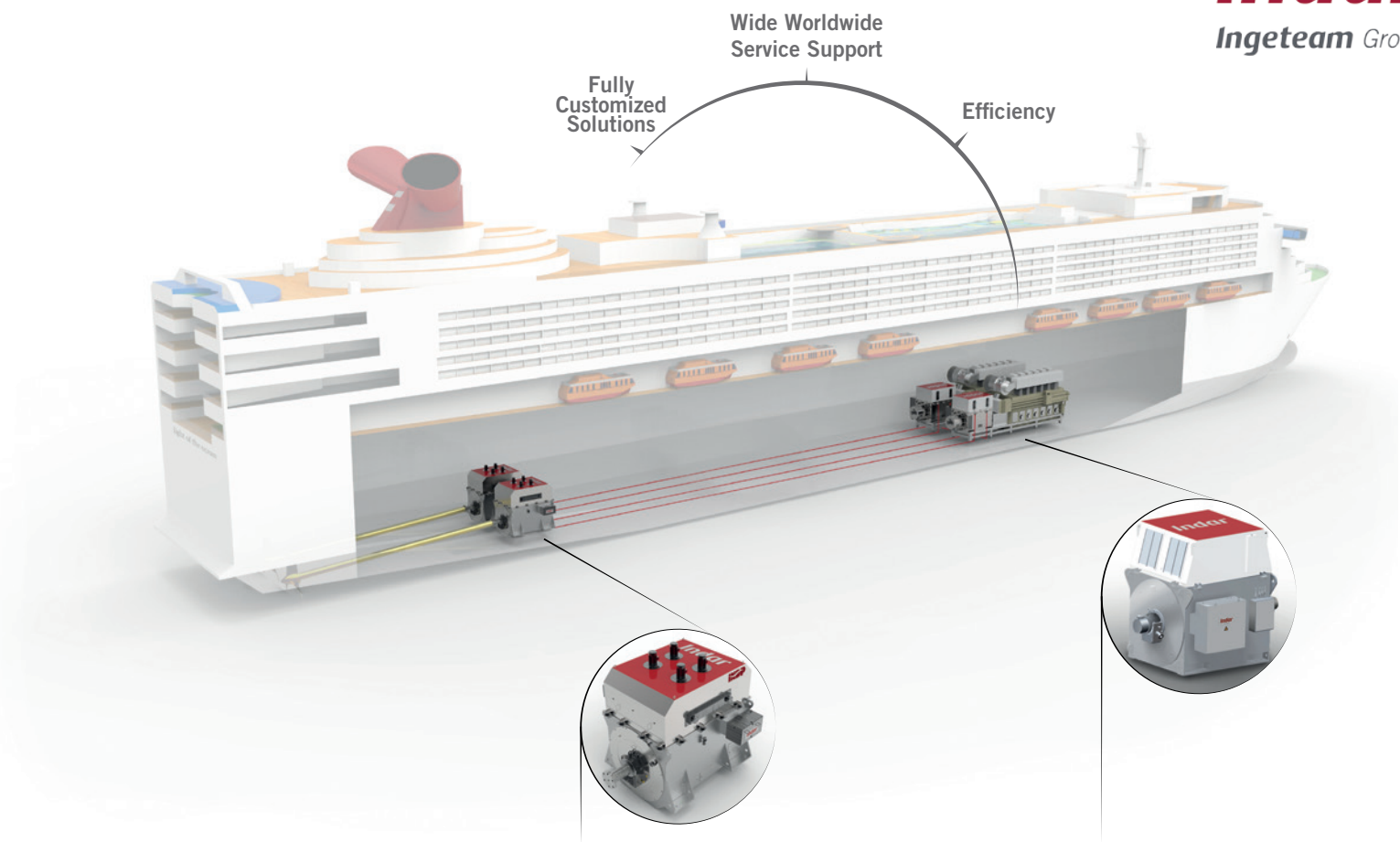
Experts in environmental and structural noise transmission assessment

Passenger’s comfort is on top of our priority when designing our propulsion equipment, we co-create environmentally friendly rotating solutions along with the main ship owners.

Our consolidated technology in silent propulsion backed with over 20 projects comply with silent notation.

Environmentally committed ship owners trust Indar and fit our main propulsion silent motors into their vessels, allowing a **true expedition experience** to the passengers on board.

Unforgettable moments achieved where others can’t access.



POWER / ELECTRIC MOTOR

Indar designs and manufactures AC electric motors for all types of main and auxiliary propulsion.

STRENGTH / GENERATOR

We design generators for marine applications working closely with diesel engine manufacturers. We supply generators for main and/or auxiliary generation plants.

Data sheet

Cruise application ranges:

Main Propulsion	Auxiliary Propulsion	Main Generators
Up to 25 MW	Up to 8 MW	Up to 30 MVA
Direct drive motors to the shaft line	DOL-VFD-Soft Starters-Autotransformers	428 - 720 rpm
Up to 6.6 kV	Up to 15 kV	Up to 15 kV
Horizontal	Horizontal or vertical	Horizontal
Up to IP56	Up to IP56	Up to IP56
Induction Motors/ Synchronous Technology / Permanent Magnet	Induction motors / Permanent Magnet Motors	Salient Poles Technology

Marine certifications:

Any Indar propulsion motor is approved and compliant to the classification society given for the vessels.

